Maryland Historical Trust

Maryland Inventory of Historic Properties number: B-4633

Name: SAN MARTIN DR. OVER STONY RUN

The bridge referenced herein was inventoried by the Maryland State Highway Administration as part of the Historic Bridge Inventory, and SHA provided the Trust with eligibility determinations in February 2001. The Trust accepted the Historic Bridge Inventory on April 3, 2001. The bridge received the following determination of eligibility.

MARYLAND HISTORICAL TRUST

Eligibility Recommended ___X___ Eligibility Not Recommended _____

Criteria: ___A ___B ___X___C ___D Considerations: ___A ___B ___C ___D ___E ___F ___G __None

Comments: _____

Reviewer, OPS: Anne E. Bruder Date: 3 April 2001

Reviewer, NR Program: Peter E. Kurtze Date: 3 April 2001

MARYLAND INVENTORY OF HISTORIC BRIDGES **MHT No.** B-4633
HISTORIC BRIDGE INVENTORY
MARYLAND STATE HIGHWAY ADMINISTRATION/
MARYLAND HISTORICAL TRUST

SHA Bridge No. BC 8016 **Bridge name** San Martin Drive over Stony Run

LOCATION:
Street/Road name and number San Martin Drive

City/town Baltimore City **Vicinity** ___

County Baltimore

This bridge projects over: Road __ **Railway** __ **Water** X **Land** ____

Ownership: State __ **County** __ **Municipal** X **Other** __

HISTORIC STATUS:
Is bridge located within a designated historic district? Yes ____ **No** X
National Register-listed district ____ **National Register-determined-eligible district** ____
Locally-designated district ____ **Other** ____

Name of district

BRIDGE TYPE:
Timber Bridge ___ :
Beam Bridge ___ **Truss -Covered** ___ **Trestle** ____ **Timber-And-Concrete** ___

Stone Arch Bridge ____

Metal Truss Bridge ____

Movable Bridge ___ :
Swing ___ **Bascule Single Leaf** ____ **Bascule Multiple Leaf** ____
Vertical Lift ___ **Retractile** ____ **Pontoon** ____

Metal Girder ___ :
Rolled Girder ____ **Rolled Girder Concrete Encased** ____
Plate Girder ____ **Plate Girder Concrete Encased** ____

Metal Suspension ____

Metal Arch ____

Metal Cantilever _____

Concrete X :
Concrete Arch X **Concrete Slab**___ **Concrete Beam** ____ **Rigid Frame** ___

Other ___ **Type Name** _____

B-4633

DESCRIPTION:

Describe Setting

Bridge BC 8016 carries San Martin Drive over Stony Run in Baltimore City. San Martin Drive runs east-west over the southern flowing Stony Run. The bridge is located on the border between Wyman Park and Johns Hopkins University.

Describe Superstructure and Substructure:

Bridge BC 8016 is a single span filled concrete arch bridge with a stone veneer. The total length of the bridge is 30 feet. The bridge has a rise of approximately 20 feet from springline to the crown. There is a clear roadway width of 29 feet 10 inches, with an overall width of 36 feet 6 inches. The arch barrel has light deterioration, cracking, and efflorescence. There are moderate areas of scale at the base of the abutment. According to a 1995 inspection report, the bridge is in poor condition with a sufficiency rating of 48.1.

The parapets are original. The designers used a closed parapet design faced in stone. Dowels fasten the reinforced concrete panel to the structure. The parapets are 30 feet across both sides of the bridge. Both parapets have random cracks and light scale. Most posts have spalls with surface erosion.

Discuss major Alterations:

A sidewalk was removed between 1980 and 1982, but the bridge has had no other extensive alterations.

HISTORY:

WHEN was bridge built? 1930
WHY was bridge built? Access to Wyman Park
WHO was the designer? Unknown
WHO was the builder? City of Baltimore Department of Public Works
WHY was bridge altered? To widen the driving lanes
Was bridge built as part of an organized bridge-building campaign?
Yes, this bridge was built as part of Baltimore City's efforts to create green spaces.

SURVEYOR/HISTORIAN ANALYSIS:

This bridge may have National Register significance for its association with:
A - Events _X_ B- Person ___
C- Engineering/architectural character __X__

This bridge was determined eligible by the Interagency Review Committee in June 1996.

Was bridge constructed in response to significant events in Maryland or local history?

In order to finance Baltimore City's reservoir and park development, a penny park tax was levied on the horsecar system.. The horsecar was a box-like car that carried 22 passengers and connected all parts of the city. Mayor Swann successfully instituted a tax to establish a capital base to begin park development in the 1890s. Most of the new parks were developmental street opening that prepared new territory for residential development.

Following the annex of 1888, the city began developing plans to cross the area's extensive waterways. The city adopted a policy of expensive permanent bridges rather than timber trestles. The city would be connected by a series of parks within the stream valley, Gwynns Falls, the Jones Falls, Herring Run, and the Patapsco were to be connected by parkways or landscaped drives through the smaller stream valleys. San Martin Drive was one of the parkways.

When the bridge was built and/or given a major alteration, did it have a significant impact on the growth & development of the area?

No, by the time this bridge was built, the area was already established as a park and the Johns Hopkins campus.

Is the bridge located in an area that may be eligible for historic designation?

Yes, the bridge is located in Wymans Park, which may be eligible for historic designation as a part of the early park-system in Baltimore.

Is the bridge a significant example of its type?

Yes, this bridge is a significant example of a stone-faced concrete arch bridge. The bridge represents Baltimore City's use of long lasting materials and the development of large-scale infrastructure projects based on the use of the city's green spaces.

Does bridge retain integrity of important elements described in Context Addendum?

Yes, the bridge retains its stone-faced parapets, spandrel walls, and wingwalls. The bridge is in good condition.

Is bridge a significant example of work of manufacturer, designer and/or engineer?

Yes, this is a significant example a stone-veneer concrete arch bridge built by the City of Baltimore Department of Public Works.

Should bridge be given further study before significance analysis is made?

Yes, this bridge may be given further study in order to determine its relation to the City's parkland movement.

BIBLIOGRAPHY:

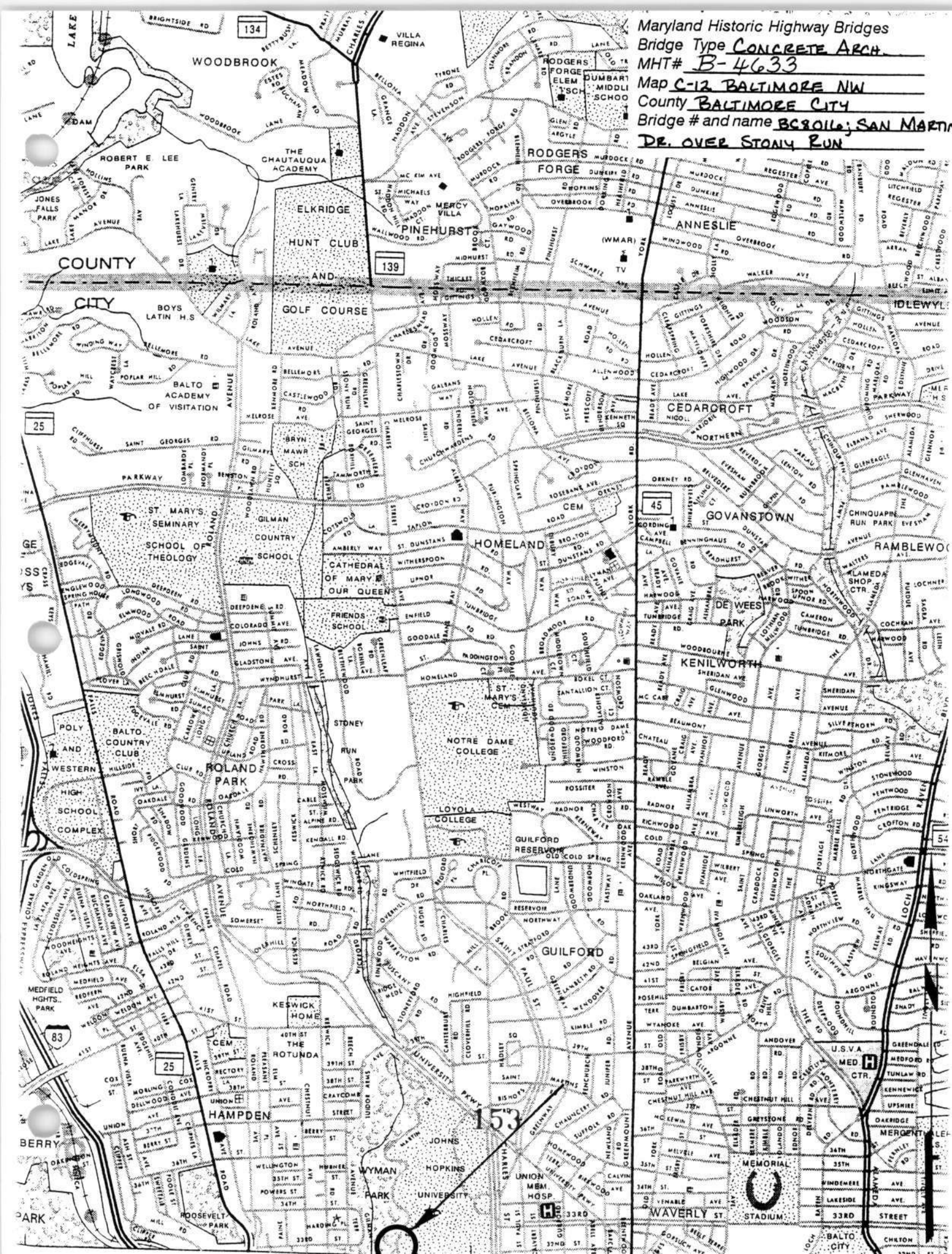
County inspection/bridge files _____ SHA inspection/bridge files ___ Other (list):

Baltimore City Bridge Reports

State Roads Commission Report

SURVEYOR/SURVEY INFORMATION:

Date bridge recorded June 1996
Name of surveyor Stacie Webb
Organization/Address State Highway Administration, 707 North Calvert Street, Baltimore, MD
Phone number 410-545-8559
Edited by P.A.C. Spero & Company, December 1997


Maryland Historic Highway Bridges
Bridge Type CONCRETE ARCH.
MHT# B-4633
Map C-12 BALTIMORE NW
County BALTIMORE CITY
Bridge # and name BC8011e; SAN MARTIN DR. OVER STONY RUN
WOODBROOK
VILLA REGINA
RODGERS FORGE ELEM SCH
DUMBARTON MIDDLE SCHOOL
ROBERT E. LEE PARK
THE CHAUTAUQUA ACADEMY
RODGERS FORGE
JONES FALLS PARK
ELKRIDGE
HUNT CLUB
MERCY VILLA
PINEHURST
ANNESLIE
COUNTY
AND
CITY
BOYS LATIN H.S
GOLF COURSE
IDLEWYL
BALTO ACADEMY OF VISITATION
CEDARCROFT
ST. MARY'S SEMINARY SCHOOL OF THEOLOGY
GILMAN COUNTRY SCHOOL
BRYN MAWR SCH
GOVANSTOWN
HOMELAND
CATHEDRAL OF MARY OUR QUEEN
FRIENDS SCHOOL
DE WEES PARK
KENILWORTH
ST. MARY'S CEM
POLY
BALTO COUNTRY CLUB
NOTRE DAME COLLEGE
ROLAND PARK
LOYOLA COLLEGE
GUILFORD RESERVOIR
GUILFORD
KESWICK HOME
THE ROTUNDA
HAMPDEN
WYMAN PARK
JOHNS HOPKINS UNIVERSITY
UNION MEM HOSP
WAVERLY
STADIUM
U.S.V.A. MED CTR.
MEMORIAL
MEDFIELD HGHTS. PARK
ROOSEVELT PARK
BERRY
PARK
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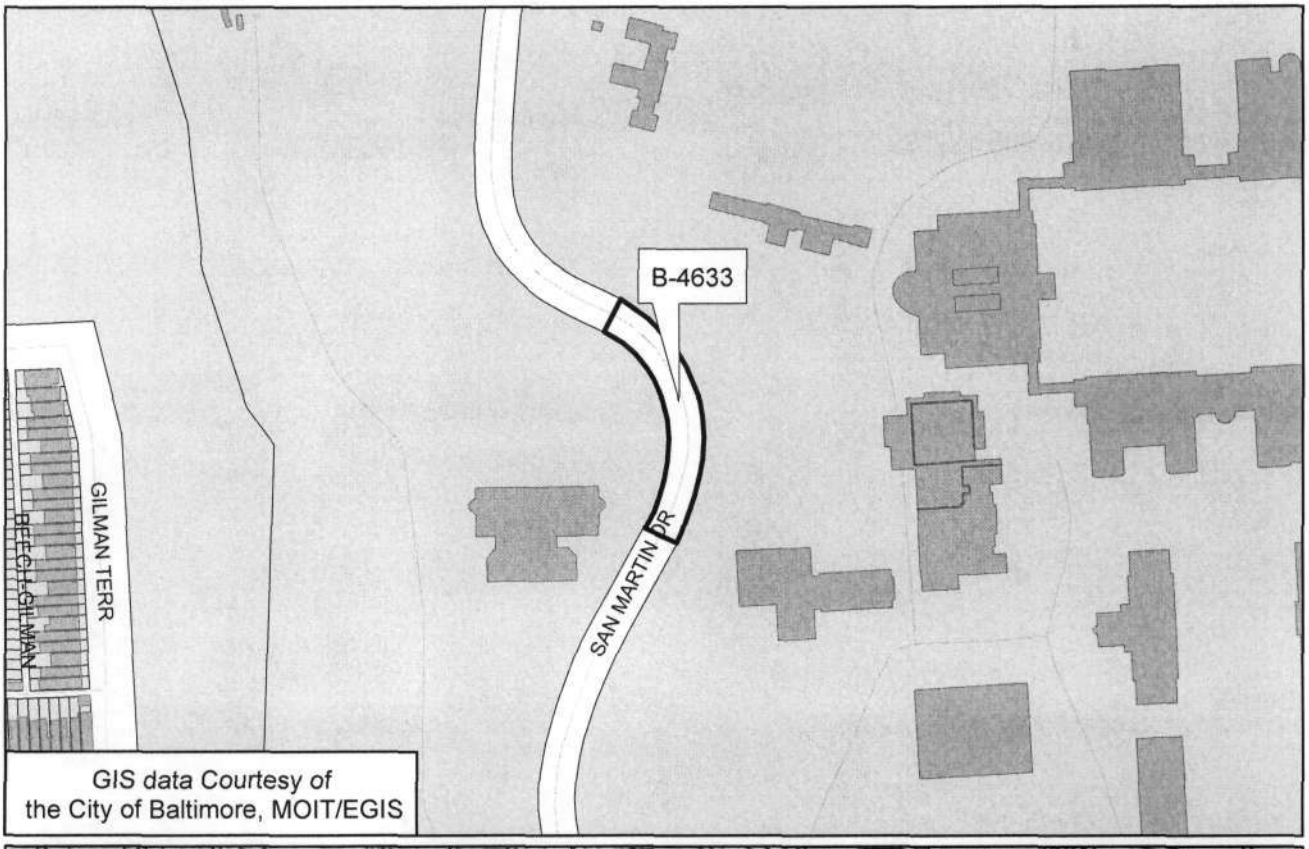
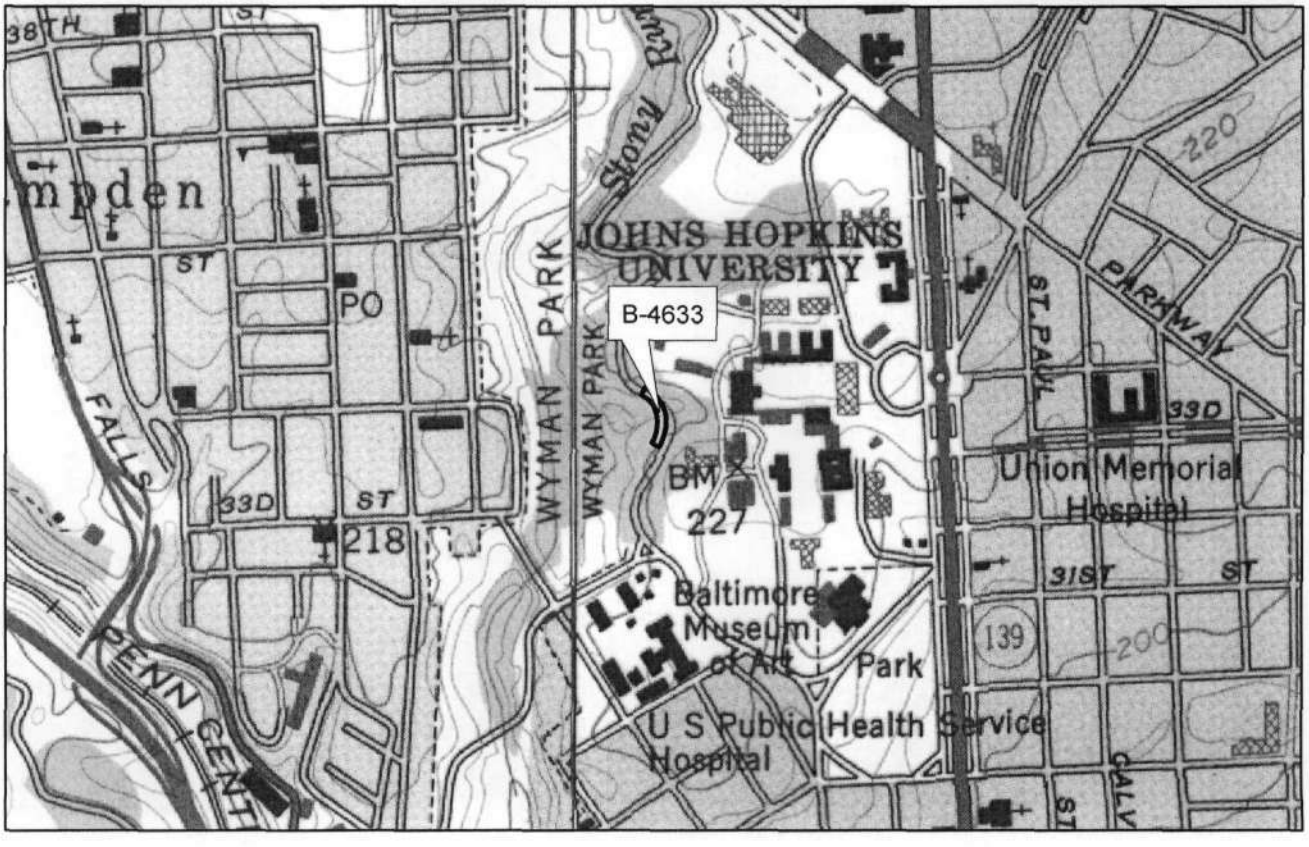
B-4633
Bridge BC 8016
San Martin Drive over Stony Run
Baltimore City
Baltimore East Quad





Inventory # B-4633

Name 8016- SAN MARTIN DRIVE OVER STONEY RUN
County/State BALTIMORE CITY / MD
Name of Photographer TIM SCHLEN
Date 1/95

Location of Negative SHA

Description SOUTH APPROACH

Number 1 ~~27~~ of ~~37~~ 4

Inventory # B-4633

Name 8016 SAN MARTIN DRIVE OVERSTONEY RUN
County/State BALTIMORE CITY | MD
Name of Photographer TIM SCHADEN
Date 1/95

Location of Negative SHA

Description EAST ELEVATION

Number 2 ~~28~~ of ~~37~~ 4

Inventory # B-4633

Name 8016-SAN MARTIN DRIVE OVER STONEY RUN
County/State BALTIMORE CITY/MD
Name of Photographer TIM SCHOEN
Date 1/95

Location of Negative SHA

Description WEST ELEVATION

Number 3 29 of 37 4

Inventory # B-4633

Name B016 - SAN MARTIN DRIVE OVER SINEY RUN
County/State BALTIMORE CITY/MD
Name of Photographer TIM SCHOEN
Date 1/95

Location of Negative SHA

Description NORTH APPROACH

Number 430 of 434